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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 (Currently amended): An isolating type self-oscillating flyback converter, comprising a coupled transformer, a FET, an oscillating transistor and an optical-electro coupled isolating feedback unit, wherein the input terminal of ~~the~~ said converter is connected to the source of ~~the~~ said FET through a primary winding of ~~the~~ said coupled transformer, ~~the~~ said input terminal of ~~the~~ said converter is connected to the collector of ~~the~~ said oscillating transistor through a first resistor and a second resistor, ~~the~~ said source of ~~the~~ said FET is connected to ~~the~~ said collector of ~~the~~ said oscillating transistor, one branch of the drain of ~~the~~ said FET is connected to the ground through a third resistor and another branch is connected to the base of ~~the~~ said oscillating transistor through a parallel connection unit of a resistor and a capacitor, and ~~the~~ said base of ~~the~~ said oscillating transistor is connected to the output terminal of a secondary output winding of ~~the~~ said coupled transformer through ~~the~~ said electro-optical coupled isolating feedback unit; and there is a ~~the~~ series connection joint between said first resistor and said ~~seecond~~ second resistor ~~is~~ connected to the ground through a speedup capacitor and a secondary winding of ~~the~~ said coupled transformer; wherein ~~a loop for implementing~~ a soft start means of ~~the~~ said converter is connected between ~~the~~ said input terminal of ~~the~~ said converter and ~~the~~ said series connection joint; and wherein said soft start means either comprises said first resistor, a fourth resistor and a capacitor, said fourth resistor is connected between said first resistor and said series connection joint in series, and one terminal of said capacitor is connected between said first resistor and said fourth resistor, while another terminal is connected to the ground, or comprises said first resistor and an inductance, and said first resistor and said inductance are connected between said input terminal of said converter and said series connection joint in series.

Claim 2 (Currently amended): An isolating type self-oscillating flyback converter according to claim 1, wherein said soft start ~~loop~~ means comprises said first resistor, a fourth resistor and a capacitor, said fourth resistor is connected between said first resistor and ~~the~~ said series

connection joint in series, and one terminal of ~~the~~ said capacitor is connected between said first resistor and said fourth resistor, while another terminal is connected to the ground.

Claim 3 (Currently amended): An isolating type self-oscillating flyback converter according to claim 1, wherein said soft start ~~loop~~ means comprises said first resistor and an inductance, and said first resistor and said inductance are connected between said input terminal of ~~the~~ said converter and ~~the~~ said series connection joint in series.

Claim 4 (Currently amended): An isolating type self-oscillating flyback converter, comprising an input terminal, a coupled transformer having ~~a output terminal of~~ a secondary ~~output~~ winding, a FET having ~~source~~ a gate terminal, an oscillating transistor having a collector terminal, and a means for implementing a soft start function ~~loop~~ between said input terminal and a connection joint, where said connection joint is in electrical connection with said secondary winding ~~output terminal~~, said gate ~~source~~ terminal and said collector terminal; and said means for implementing said soft start function either comprises a first resistor, a second resistor and a capacitor having a first terminal and a second terminal, with said first terminal of said capacitor being connected between said first resistor and said second resistor and said second terminal of said capacitor being connected to the ground, or comprises a resistor and an inductance, said resistor being connected to said inductance in series.

Claim 5 (Currently amended): The isolating type self-oscillating flyback converter of claim 4, wherein said means for implementing said soft start ~~loop~~ function comprises a first resistor, a second resistor and a capacitor having a first terminal and a second terminal, with said first terminal of said capacitor being connected between said first resistor and said second resistor and said second terminal of said capacitor being connected to the ground.

Claim 6 (Currently amended): The isolating type self-oscillating flyback converter of claim 4, wherein said means for implementing said soft start ~~loop~~ function comprises a resistor and an inductance, said resistor being connected to said inductance in series.